



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/605,452
Source: O/R
Date Processed by STIC: 10/11/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

```

1050 Cys Ala Thr Thr Gly Gly Thr Cys Cys Cys Ala Gly Gly Cys Thr
1051      3905                               3910           3915
1054 Cys Thr Cys Ala Ala Ala Ala Thr Ala Gly Thr Gly Cys Ala Gly
1055      3920                               3925           3930
1058 Cys Cys Thr Cys Thr Thr Cys Thr Thr Cys Cys Cys Ala Ala Gly
1059      3935                               3940           3945
1062 Cys Thr Cys Thr Gly Gly Gly Gly Thr Gly Cys Ala Cys Cys Cys
1063      3950                               3955           3960
1066 Thr Gly Thr Gly Thr Cys Cys Thr Thr Gly Gly Thr Thr Ala Cys
1067      3965                               3970           3975
1070 Cys Ala Gly Gly Ala Gly Ala Cys Thr Ala Gly Gly Gly Thr Thr
1071      3980                               3985           3990
1074 Gly Thr Gly Ala Thr Ala Thr Cys Thr Thr Thr Thr Cys Thr Thr
1075      3995                               4000           4005
1078 Gly Thr Cys Thr Thr Gly Cys Thr Thr Thr Thr Thr Gly Ala Thr
1079      4010                               4015           4020
1082 Ala Thr Ala Thr Cys Ala Gly Gly Ala Thr Thr Ala Ala Thr Gly
1083      4025                               4030           4035
1086 Thr Ala Gly Gly Ala Ala Ala Cys Cys Ala Gly Ala Cys Cys Thr
1087      4040                               4045           4050
1090 Ala Gly Ala Thr Thr Ala Thr Thr Cys Ala Gly Gly Ala Gly Ala
1091      4055                               4060           4065
1094 Gly Thr Ala Gly Gly Thr Ala Thr Ala Thr Cys Cys Cys Thr
1095      4070                               4075           4080
1098 Gly Thr Gly Thr Thr Thr Cys Cys Cys Ala Gly Thr Cys Thr Gly
1099      4085                               4090           4095
1102 Ala Gly Thr Gly Ala Cys Cys Ala Ala Thr Ala Ala Ala Ala Thr
1103      4100                               4105           4110
1106 Thr Gly Thr Gly Cys Cys Thr Thr Thr Cys Thr Ala
1107      4115                               4120           4125

```

1110 <210> SEQ ID NO: 2

1111 <211> LENGTH: 3942

1112 <212> TYPE: PRT

1113 <213> ORGANISM: Mouse

><2207 insert

1114 <223> OTHER INFORMATION: Alternate form of the Mouse s-SHIP sequence of the SHIP isoform.

OK> 1116 <400> SEQUENCE: 2

```

1118 Gly Thr Thr Cys Cys Cys Ala Cys Thr Ala Gly Thr Thr Gly Thr Thr
1119 1      5      10      15
1122 Gly Ala Ala Cys Thr Thr Thr Ala Cys Cys Thr Thr Gly Ala Ala Cys
1123      20      25      30
1126 Cys Thr Cys Thr Gly Cys Thr Cys Cys Cys Ala Gly Gly Gly Ala Ala
1127      35      40      45
1130 Gly Thr Cys Ala Thr Cys Ala Gly Gly Ala Cys Thr Cys Thr Gly Cys
1131      50      55      60
1134 Cys Ala Thr Cys Cys Cys Thr Gly Gly Ala Gly Thr Cys Thr Cys Thr
1135 65      70      75      80
1138 Gly Cys Ala Gly Ala Gly Gly Thr Thr Gly Thr Thr Thr Gly Ala Cys
1139      85      90      95
1142 Cys Ala Ala Cys Ala Gly Cys Thr Cys Cys Cys Cys Cys Ala Gly

```

only the
erored
portion of
sequence 2
shown

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

2123 3830 3835 3840
 2126 Thr Cys Ala Gly Gly Ala Thr Thr Ala Ala Thr Gly Thr Ala Gly
 2127 3845 3850 3855
 2130 Gly Ala Ala Ala Cys Cys Ala Gly Ala Cys Cys Thr Ala Gly Ala
 2131 3860 3865 3870
 2134 Thr Thr Ala Thr Thr Cys Ala Gly Gly Ala Gly Ala Gly Thr Ala
 2135 3875 3880 3885
 2138 Gly Gly Thr Ala Thr Ala Thr Cys Cys Cys Cys Thr Gly Thr Gly
 2139 3890 3895 3900
 2142 Thr Thr Thr Cys Cys Cys Ala Gly Thr Cys Thr Gly Ala Gly Thr
 2143 3905 3910 3915
 2146 Gly Ala Cys Cys Ala Ala Thr Ala Ala Ala Ala Thr Thr Gly Thr
 2147 3920 3925 3930
 2150 Gly Cys Cys Thr Thr Thr Cys Thr Ala
 2151 3935 3940
 2154 <210> SEQ ID NO: 3
 2155 <211> LENGTH: 4147
 2156 <212> TYPE: PRT
 2157 <213> ORGANISM: Human *><2207 insert*
 2158 <223> OTHER INFORMATION: Sequence of the human s-SHIP isoform of SHIP.
 ✶-> 2160 <400> SEQUENCE: 3
 2162 Cys Gly Cys Cys Cys Ala Cys Thr Ala Ala Thr Cys Cys Thr Thr Gly
 2163 1 5 10 15
 2166 Ala Thr Gly Thr Thr Cys Ala Cys Cys Thr Thr Gly Thr Cys Cys Cys
 2167 20 25 30
 2170 Cys Thr Gly Cys Cys Cys Cys Cys Ala Gly Ala Gly Ala Ala Gly Thr
 2171 35 40 45
 2174 Cys Ala Thr Cys Cys Gly Gly Ala Cys Cys Cys Thr Cys Cys Cys Ala
 2175 50 55 60
 2178 Thr Cys Cys Cys Thr Gly Gly Ala Gly Thr Cys Thr Cys Thr Gly Cys
 2179 65 70 75 80
 2182 Ala Gly Ala Gly Gly Thr Thr Ala Thr Thr Gly Ala Cys Cys Ala
 2183 85 90 95
 2186 Gly Cys Ala Gly Cys Thr Cys Thr Cys Cys Cys Cys Gly Gly Gly Cys
 2187 100 105 110
 2190 Cys Thr Cys Cys Gly Thr Cys Cys Ala Cys Gly Thr Cys Cys Thr Cys
 2191 115 120 125
 2194 Ala Gly Gly Thr Thr Cys Cys Thr Gly Gly Thr Gly Ala Gly Gly Cys
 2195 130 135 140
 2198 Cys Ala Ala Thr Cys Cys Cys Ala Thr Cys Ala Ala Cys Ala Thr Gly
 2199 145 150 155 160
 2202 Gly Thr Gly Thr Cys Cys Ala Ala Gly Cys Thr Cys Ala Gly Cys Cys
 2203 165 170 175
 2206 Ala Ala Cys Thr Gly Ala Cys Ala Ala Gly Cys Cys Thr Gly Thr Thr
 2207 180 185 190
 2210 Gly Thr Cys Ala Thr Cys Cys Ala Thr Thr Gly Ala Ala Gly Ala Cys
 2211 195 200 205
 2214 Ala Ala Gly Gly Thr Cys Ala Ala Gly Gly Cys Cys Thr Thr Gly Cys
 2215 210 215 220

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RAW SEQUENCE LISTING

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DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

```

3198 Gly Thr Gly Gly Cys Thr Thr Thr Cys Ala Gly Cys Thr Cys Thr
3199      3950      3955      3960
3202 Gly Cys Thr Thr Cys Cys Thr Thr Gly Gly Thr Thr Ala Thr Thr
3203      3965      3970      3975
3206 Ala Gly Gly Ala Gly Ala Ala Thr Ala Gly Ala Thr Gly Gly Gly
3207      3980      3985      3990
3210 Thr Gly Ala Thr Gly Thr Cys Thr Thr Thr Cys Cys Thr Thr Ala
3211      3995      4000      4005
3214 Thr Gly Thr Thr Gly Cys Thr Thr Thr Thr Thr Cys Ala Ala Cys
3215      4010      4015      4020
3218 Ala Thr Ala Gly Cys Ala Gly Ala Ala Thr Thr Ala Ala Thr Gly
3219      4025      4030      4035
3222 Thr Ala Gly Gly Gly Ala Gly Cys Thr Ala Ala Ala Thr Cys Cys
3223      4040      4045      4050
3226 Ala Gly Thr Gly Gly Thr Gly Thr Gly Thr Gly Thr Gly Ala Ala
3227      4055      4060      4065
3230 Thr Gly Cys Ala Gly Ala Ala Gly Gly Gly Ala Ala Thr Gly Cys
3231      4070      4075      4080
3234 Ala Cys Cys Cys Cys Ala Cys Ala Thr Thr Cys Cys Cys Ala Thr
3235      4085      4090      4095
3238 Gly Ala Thr Gly Gly Ala Ala Gly Thr Cys Thr Gly Cys Gly Thr
3239      4100      4105      4110
3242 Ala Ala Cys Cys Ala Ala Thr Ala Ala Ala Thr Thr Gly Thr Gly
3243      4115      4120      4125
3246 Cys Cys Thr Thr Thr Cys Thr Cys Ala Cys Thr Cys Ala Ala Ala
3247      4130      4135      4140
3250 Ala Cys Cys Cys
3251      4145

```

3254 <210> SEQ ID NO: 4

3255 <211> LENGTH: 457

3256 <212> TYPE: PRT

3257 <213> ORGANISM: Mouse

><220> insert

3258 <223> OTHER INFORMATION: Promoter region of the mouse s-SHIP.

OK->

3260 <400> SEQUENCE: 4

```

3262 Ala Ala Gly Cys Thr Gly Ala Thr Gly Thr Cys Ala Cys Thr Gly Cys
3263 1      5      10      15
3266 Thr Cys Thr Gly Cys Ala Ala Gly Gly Ala Gly Cys Thr Cys Cys Ala
3267      20      25      30
3270 Thr Gly Gly Gly Thr Ala Ala Cys Gly Gly Ala Gly Ala Gly Cys Cys
3271      35      40      45
3274 Cys Thr Gly Ala Gly Ala Gly Ala Gly Gly Gly Thr Gly Gly Gly
3275      50      55      60
3278 Gly Gly Ala Gly Cys Thr Thr Cys Ala Thr Gly Gly Gly Thr Ala Ala
3279 65      70      75      80
3282 Thr Gly Gly Gly Ala Gly Cys Cys Cys Cys Thr Ala Cys Cys Cys Ala
3283      85      90      95
3286 Cys Cys Cys Ala Gly Gly Ala Gly Gly Ala Thr Gly Gly Cys Cys Ala
3287      100     105     110
3290 Cys Ala Gly Cys Ala Ala Gly Ala Gly Ala Ala Ala Gly Thr Gly Cys

```

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RAW SEQUENCE LISTING

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TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

3291 115 120 125
3294 Thr Cys Ala Thr Thr Ala Gly Ala Gly Thr Gly Ala Cys Cys Cys Thr
3295 130 135 140
3298 Gly Gly Gly Thr Cys Thr Cys Cys Thr Cys Thr Cys Thr Gly Thr Cys
3299 145 150 155 160
3302 Cys Ala Gly Ala Thr Gly Thr Cys Thr Cys Thr Gly Cys Ala Gly Cys
3303 165 170 175
3306 Ala Cys Thr Cys Ala Cys Ala Gly Thr Ala Ala Thr Thr Gly Gly Cys
3307 180 185 190
3310 Cys Cys Ala Gly Gly Thr Gly Gly Ala Gly Thr Cys Thr Gly Gly Ala
3311 195 200 205
3314 Ala Thr Gly Thr Thr Cys Cys Ala Gly Gly Cys Thr Thr Gly Thr Thr
3315 210 215 220
3318 Gly Gly Ala Ala Gly Cys Thr Cys Thr Thr Gly Cys Thr Cys Thr Cys
3319 225 230 235 240
3322 Ala Thr Ala Gly Ala Ala Thr Cys Thr Gly Ala Gly Cys Thr Cys Thr
3323 245 250 255
3326 Ala Ala Cys Thr Gly Ala Gly Cys Thr Gly Gly Gly Ala Ala Ala Gly
3327 260 265 270
3330 Thr Thr Gly Ala Thr Cys Ala Thr Thr Thr Gly Thr Thr Thr Ala Thr
3331 275 280 285
3334 Thr Cys Cys Thr Thr Thr Thr Ala Gly Gly Gly Thr Ala Thr Thr Gly
3335 290 295 300
3338 Gly Gly Gly Gly Gly Gly Cys Ala Cys Gly Gly Ala Thr Gly Thr Ala
3339 305 310 315 320
3342 Thr Gly Cys Ala Thr Gly Cys Thr Gly Gly Thr Ala Thr Gly Thr Ala
3343 325 330 335
3346 Thr Gly Cys Ala Thr Gly Cys Thr Gly Gly Gly Gly Ala Thr Gly Thr
3347 340 345 350
3350 Ala Gly Gly Gly Cys Cys Thr Cys Ala Thr Gly Thr Gly Thr Gly Cys
3351 355 360 365
3354 Thr Ala Ala Ala Thr Ala Cys Ala Thr Gly Thr Gly Cys Cys Thr Ala
3355 370 375 380
3358 Thr Thr Cys Thr Gly Thr Ala Ala Thr Gly Thr Thr Thr Thr Cys Thr
3359 385 390 395 400
3362 Thr Gly Thr Thr Thr Gly Thr Thr Thr Thr Thr Ala Ala Cys Thr Cys
3363 405 410 415
3366 Ala Ala Ala Thr Thr Ala Ala Thr Thr Ala Gly Ala Gly Gly Cys Ala
3367 420 425 430
3370 Gly Thr Thr Thr Cys Thr Cys Thr Gly Thr Thr Thr Ala Cys Cys Ala
3371 435 440 445
3374 Gly Cys Cys Cys Gly Gly Gly Cys Cys
3375 450 455

3378 <210> SEQ ID NO: 5

3379 <211> LENGTH: 938

3380 <212> TYPE: PRT

3381 <213> ORGANISM: Mouse

><220> insert

3382 <223> OTHER INFORMATION: Promoter region of the mouse s-SHIP

OK-> 3384 <400> SEQUENCE: 5

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RAW SEQUENCE LISTING

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DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

```

3582 Cys Gly Gly Gly Gly Thr Cys Thr Gly Gly Gly Cys Cys Ala Gly Gly
3583 785 790 795 800
3586 Ala Thr Gly Ala Cys Gly Gly Gly Cys Cys Ala Ala Cys Thr Ala Thr
3587 805 810 815
3590 Cys Thr Thr Thr Gly Cys Cys Cys Gly Gly Gly Cys Thr Thr Gly Thr
3591 820 825 830
3594 Cys Cys Thr Thr Cys Ala Gly Gly Gly Ala Ala Gly Gly Gly Thr Thr
3595 835 840 845
3598 Ala Cys Ala Gly Gly Ala Thr Thr Cys Ala Cys Cys Ala Cys Thr Gly
3599 850 855 860
3602 Gly Gly Gly Thr Gly Thr Gly Gly Cys Cys Thr Ala Thr Cys Thr Gly
3603 865 870 875 880
3606 Cys Thr Gly Thr Thr Ala Gly Gly Ala Cys Cys Thr Gly Ala Ala Thr
3607 885 890 895
3610 Thr Gly Cys Cys Thr Gly Gly Ala Gly Thr Gly Thr Thr Thr Cys Thr
3611 900 905 910
3614 Ala Gly Thr Thr Cys Cys Cys Ala Cys Thr Ala Gly Thr Thr Gly Thr
3615 915 920 925
3618 Thr Gly Ala Ala Cys Thr Thr Thr Ala Cys
3619 930 935

```

3622 <210> SEQ ID NO: 6

3623 <211> LENGTH: 986

3624 <212> TYPE: PRT

3625 <213> ORGANISM: Mouse

3626 <223> OTHER INFORMATION: Promoter region of the mouse s-SHIP

OK-->

3628 <400> SEQUENCE: 6

```

3630 Gly Cys Ala Asn Thr Cys Thr Gly Ala Gly Gly Ala Cys Thr Cys Thr
3631 1 5 10 15
3634 Gly Cys Cys Ala Thr Cys Cys Thr Gly Gly Ala Gly Thr Cys Thr Cys
3635 20 25 30
3638 Thr Gly Cys Ala Gly Ala Gly Gly Thr Thr Gly Thr Thr Gly Ala
3639 35 40 45
3642 Cys Cys Ala Ala Cys Ala Gly Cys Thr Cys Thr Cys Cys Cys Cys Ala
3643 50 55 60
3646 Gly Gly Cys Cys Thr Thr Cys Gly Cys Cys Cys Ala Cys Gly Ala Cys
3647 65 70 75 80
3650 Cys Thr Cys Ala Gly Gly Thr Ala Ala Gly Gly Gly Gly Thr Thr Thr
3651 85 90 95
3654 Gly Gly Ala Thr Thr Gly Gly Ala Ala Ala Gly Ala Thr Gly Cys
3655 100 105 110
3658 Ala Ala Thr Thr Gly Cys Thr Ala Thr Ala Gly Gly Ala Gly Gly Gly
3659 115 120 125
3662 Ala Cys Thr Cys Thr Gly Ala Ala Gly Gly Cys Ala Gly Ala Cys Ala
3663 130 135 140
3666 Gly Ala Cys Gly Cys Ala Cys Cys Gly Cys Cys Thr Cys Cys Thr Cys
3667 145 150 155 160
3670 Ala Cys Gly Thr Thr Gly Gly Cys Thr Ala Gly Thr Cys Thr Ala Ala
3671 165 170 175
3674 Thr Ala Thr Ala Ala Ala Cys Ala Thr Cys Gly Cys Gly Gly Thr Gly

```

RAW SEQUENCE LISTING

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DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

3871 965 970 975
 3874 Asn Cys Asn Cys Cys Ala Asn Cys Cys Cys
 3875 980 985
 3878 <210> SEQ ID NO: 7
 3879 <211> LENGTH: 1001
 3880 <212> TYPE: PRT
 3881 <213> ORGANISM: Mouse
 3882 <223> OTHER INFORMATION: Promoter region of the mouse s-SHIP
 3884 <400> SEQUENCE: 7
 3886 Gly Gly Gly Ala Gly Asn Asn Asn Asn Ala Ala Thr Thr Ala Gly Asn
 3887 1 5 10 15
 3890 Asn Ala Ala Gly Ala Asn Ala Asn Asn Asn Thr Thr Thr Thr Asn Thr
 3891 20 25 30
 3894 Thr Thr Thr Asn Ala Gly Gly Ala Cys Cys Gly Cys Asn Asn Thr Ala
 3895 35 40 45
 3898 Thr Gly Thr Thr Thr Ala Thr Asn Ala Gly Ala Ala Gly Ala Asn Asn
 3899 50 55 60
 3902 Gly Gly Asn Gly Ala Asn Asn Gly Ala Asn Asn Thr Asn Thr Ala Ala
 3903 65 70 75 80
 3906 Gly Gly Ala Asn Cys Ala Cys Cys Ala Asn Ala Gly Asn Cys Gly Asn
 3907 85 90 95
 3910 Cys Asn Asn Ala Ala Gly Gly Thr Thr Thr Thr Asn Ala Ala Thr Ala
 3911 100 105 110
 3914 Asn Asn Gly Ala Gly Gly Asn Ala Gly Asn Cys Gly Ala Asn Ala Ala
 3915 115 120 125
 3918 Ala Ala Ala Asn Ala Asn Thr Thr Thr Thr Asn Cys Ala Thr Asn Thr Asn
 3919 130 135 140
 3922 Thr Thr Thr Thr Gly Asn Cys Ala Cys Cys Asn Asn Gly Ala Asn Thr
 3923 145 150 155 160
 3926 Thr Thr Thr Gly Ala Ala Thr Ala Thr Asn Ala Asn Ala Thr Asn Ala
 3927 165 170 175
 3930 Thr Gly Ala Ala Ala Ala Asn Asn Asn Asn Thr Gly Thr Gly Thr Asn
 3931 180 185 190
 3934 Thr Gly Asn Asn Thr Gly Thr Gly Thr Gly Thr Asn Thr Gly Thr Asn
 3935 195 200 205
 3938 Thr Gly Thr Gly Thr Gly Asn Asn Thr Gly Thr Cys Thr Gly Thr Cys
 3939 210 215 220
 3942 Thr Ala Thr Asn Gly Gly Thr Gly Thr Gly Thr Gly Thr Gly Cys Asn
 3943 225 230 235 240
 3946 Ala Gly Asn Gly Ala Gly Thr Gly Ala Gly Thr Ala Gly Thr Gly Ala
 3947 245 250 255
 3950 Gly Gly Ala Gly Ala Gly Ala Asn Ala Ala Gly Ala Ala Ala Gly Asn
 3951 260 265 270
 3954 Ala Thr Ala Thr Gly Ala Gly Asn Ala Ala Ala Gly Asn Gly Cys Ala
 3955 275 280 285
 3958 Gly Cys Thr Thr Gly Cys Asn Ala Ala Gly Ala Gly Gly Gly Ala Thr
 3959 290 295 300
 3962 Cys Thr Cys Thr Cys Asn Thr Ala Cys Gly Gly Thr Gly Thr Gly Gly
 3963 305 310 315 320

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:23

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

```

4063 705          710          715          720
4066 Ala Thr Cys Thr Gly Thr Thr Gly Gly Thr Gly Gly Ala Gly Cys Ala
4067          725          730          735
4070 Gly Cys Thr Gly Gly Gly Thr Thr Ala Cys Ala Cys Ala Thr Gly Gly
4071          740          745          750
4074 Gly Cys Gly Ala Gly Cys Thr Gly Gly Cys Thr Cys Ala Gly Cys
4075          755          760          765
4078 Cys Gly Cys Gly Gly Thr Gly Cys Cys Ala Gly Cys Cys Ala Thr Thr
4079          770          775          780
4082 Thr Thr Thr Cys Cys Ala Gly Cys Ala Thr Gly Cys Thr Ala Thr Gly
4083 785          790          795          800
4086 Gly Ala Ala Thr Ala Thr Ala Gly Gly Gly Gly Thr Gly Thr Thr Ala
4087          805          810          815
4090 Thr Cys Ala Gly Gly Cys Cys Ala Gly Gly Gly Thr Gly Gly Gly Ala
4091          820          825          830
4094 Ala Ala Ala Gly Cys Cys Thr Gly Gly Gly Ala Ala Thr Ala Gly Cys
4095          835          840          845
4098 Gly Ala Gly Cys Cys Ala Gly Ala Thr Ala Gly Cys Cys Thr Cys Ala
4099          850          855          860
4102 Cys Cys Cys Gly Gly Gly Ala Cys Ala Thr Thr Gly Ala Cys Cys Ala
4103 865          870          875          880
4106 Thr Cys Cys Cys Ala Gly Cys Cys Ala Thr Gly Thr Ala Gly Ala Thr
4107          885          890          895
4110 Ala Ala Ala Thr Cys Ala Gly Ala Gly Thr Thr Gly Ala Cys Ala Thr
4111          900          905          910
4114 Cys Ala Cys Cys Ala Ala Ala Gly Cys Cys Ala Gly Cys Cys Ala Cys
4115          915          920          925
4118 Thr Gly Ala Cys Thr Gly Cys Ala Thr Gly Thr Cys Thr Thr Ala Thr
4119          930          935          940
4122 Gly Cys Thr Cys Thr Gly Ala Ala Gly Gly Thr Gly Ala Ala Gly Thr
4123 945          950          955          960
4126 Cys Ala Gly Ala Gly Thr Cys Cys Cys Thr Gly Gly Gly Cys Ala Thr
4127          965          970          975
4130 Thr Cys Cys Thr Cys Ala Gly Ala Ala Ala Ala Gly Cys Thr Cys Cys
4131          980          985          990
4134 Cys Ala Ala Ala Gly Gly Ala Asn Gly
4135          995          1000
4138 <210> SEQ ID NO: 8
4139 <211> LENGTH: 6498
4140 <212> TYPE: PRT
4141 <213> ORGANISM: Mouse >2207
4142 <223> OTHER INFORMATION: Promoter region of the mouse s-SHIP
E-OK 4144 <400> SEQUENCE: 8
4146 Gly Thr Ala Ala Cys Gly Gly Ala Gly Ala Gly Cys Cys Cys Thr Gly
4147 1          5          10          15
4150 Ala Gly Ala Gly Ala Gly Gly Gly Gly Thr Gly Gly Gly Gly Ala
4151          20          25          30
4154 Gly Cys Thr Thr Cys Ala Thr Gly Gly Thr Ala Ala Thr Gly Gly
4155          35          40          45

```

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:24

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

5823	6350	6355	6360
5826 Cys Cys Gly Gly Gly Cys Thr Thr Gly Thr Cys Cys Thr Thr Cys			
5827 6365	6370	6375	
5830 Ala Gly Gly Gly Ala Ala Gly Gly Gly Thr Thr Ala Cys Ala Gly			
5831 6380	6385	6390	
5834 Gly Ala Thr Thr Cys Ala Cys Cys Ala Cys Thr Gly Gly Gly Gly			
5835 6395	6400	6405	
5838 Thr Gly Thr Gly Gly Cys Cys Thr Ala Thr Cys Thr Gly Cys Thr			
5839 6410	6415	6420	
5842 Gly Thr Thr Ala Gly Gly Ala Cys Cys Thr Gly Ala Ala Thr Thr			
5843 6425	6430	6435	
5846 Gly Cys Cys Thr Gly Gly Ala Gly Thr Gly Thr Thr Thr Cys Thr			
5847 6440	6445	6450	
5850 Ala Gly Thr Thr Cys Cys Cys Ala Cys Thr Ala Gly Thr Thr Gly			
5851 6455	6460	6465	
5854 Thr Thr Gly Ala Ala Cys Thr Thr Thr Ala Cys Cys Thr Thr Gly			
5855 6470	6475	6480	
5858 Ala Ala Cys Cys Thr Cys Thr Gly Cys Thr Cys Cys Cys Ala Gly			
5859 6485	6490	6495	

5862 <210> SEQ ID NO: 9

5863 <211> LENGTH: 361

5864 <212> TYPE: PRT

5865 <213> ORGANISM: Human

>2207

5866 <223> OTHER INFORMATION: Promoter region of human s-SHIP.

OK->

5868 <400> SEQUENCE: 9

5870 Ala Ala Thr Thr Thr Thr Cys Thr Ala Cys Ala Gly Gly Cys Thr Ala			
5871 1	5	10	15
5874 Thr Ala Gly Ala Gly Thr Gly Cys Ala Gly Thr Thr Thr Gly Gly Cys			
5875 20	25	30	
5878 Thr Ala Ala Ala Gly Cys Ala Ala Ala Cys Cys Thr Ala Gly Gly			
5879 35	40	45	
5882 Thr Ala Cys Ala Gly Thr Cys Ala Gly Gly Gly Ala Cys Thr Ala Cys			
5883 50	55	60	
5886 Ala Cys Ala Ala Thr Thr Cys Cys Ala Gly Thr Thr Cys Gly Cys Thr			
5887 65	70	75	80
5890 Gly Thr Gly Gly Gly Thr Thr Gly Gly Gly Ala Ala Gly Gly Gly Ala			
5891 85	90	95	
5894 Thr Gly Gly Gly Thr Gly Gly Gly Cys Cys Ala Gly Thr Gly Cys Thr			
5895 100	105	110	
5898 Gly Gly Cys Ala Ala Gly Cys Cys Thr Thr Gly Ala Thr Cys Thr Thr			
5899 115	120	125	
5902 Thr Gly Cys Cys Cys Gly Gly Gly Cys Thr Thr Gly Thr Cys Cys Thr			
5903 130	135	140	
5906 Thr Cys Thr Gly Gly Gly Gly Ala Gly Ala Ala Thr Thr Ala Cys Cys			
5907 145	150	155	160
5910 Thr Gly Cys Thr Thr Cys Thr Gly Cys Thr Gly Gly Ala Cys Thr Gly			
5911 165	170	175	
5914 Ala Gly Gly Gly Thr Gly Cys Cys Cys Thr Cys Ala Thr Cys Thr Cys			
5915 180	185	190	

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:24

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

```

5918 Thr Gly Gly Cys Thr Ala Gly Ala Gly Cys Cys Cys Gly Thr Gly Cys
5919          195          200          205
5922 Thr Gly Cys Cys Ala Thr Gly Gly Ala Ala Gly Ala Cys Thr Cys Thr
5923          210          215          220
5926 Thr Thr Cys Cys Gly Gly Thr Gly Cys Cys Cys Ala Cys Thr Ala Ala
5927 225          230          235          240
5930 Ala Thr Cys Cys Thr Thr Gly Ala Thr Gly Thr Thr Cys Ala Cys Cys
5931          245          250          255
5934 Thr Thr Gly Thr Cys Cys Cys Cys Thr Gly Cys Cys Cys Cys Cys Ala
5935          260          265          270
5938 Gly Ala Gly Ala Ala Gly Thr Cys Ala Thr Cys Cys Gly Gly Ala Cys
5939          275          280          285
5942 Cys Cys Thr Cys Cys Cys Ala Thr Cys Cys Cys Thr Gly Gly Ala Gly
5943          290          295          300
5946 Thr Cys Thr Cys Thr Gly Cys Ala Gly Ala Gly Gly Thr Thr Ala Thr
5947 305          310          315          320
5950 Thr Thr Gly Ala Cys Cys Ala Gly Cys Ala Gly Cys Thr Cys Thr Cys
5951          325          330          335
5954 Cys Cys Cys Gly Gly Gly Cys Cys Thr Cys Cys Gly Thr Cys Cys Ala
5955          340          345          350
5958 Cys Gly Thr Cys Cys Thr Cys Ala Gly
5959          355          360
5962 <210> SEQ ID NO: 10
5963 <211> LENGTH: 279
5964 <212> TYPE: PRT
5965 <213> ORGANISM: Human
5966 <223> OTHER INFORMATION: Promoter region of human s-SHIP.
5968 <400> SEQUENCE: 10
5970 Gly Thr Ala Ala Thr Gly Gly Cys Thr Gly Gly Cys Cys Cys Ala Cys
5971 1          5          10          15
5974 Gly Gly Gly Gly Cys Gly Gly Gly Cys Ala Gly Gly Thr Gly Gly
5975          20          25          30
5978 Gly Gly Gly Cys Gly Gly Cys Cys Ala Cys Cys Ala Gly Gly Thr Gly
5979          35          40          45
5982 Ala Gly Ala Gly Ala Ala Ala Cys Ala Gly Cys Thr Cys Ala Thr Gly
5983          50          55          60
5986 Ala Gly Ala Gly Cys Gly Ala Cys Cys Thr Cys Thr Gly Cys Cys Thr
5987 65          70          75          80
5990 Cys Thr Gly Cys Cys Thr Gly Gly Cys Thr Gly Ala Ala Cys Ala Ala
5991          85          90          95
5994 Ala Thr Gly Cys Cys Thr Cys Thr Gly Cys Cys Gly Cys Ala Cys Thr
5995          100         105         110
5998 Cys Ala Cys Ala Ala Thr Ala Ala Thr Thr Gly Ala Gly Thr Gly Gly
5999          115         120         125
6002 Thr Gly Ala Gly Cys Ala Cys Ala Gly Cys Thr Thr Gly Gly Ala Ala
6003          130         135         140
6006 Ala Thr Cys Thr Cys Thr Gly Thr Gly Gly Thr Gly Thr Thr Thr
6007 145         150         155         160
6010 Gly Gly Ala Gly Gly Thr Cys Thr Thr Gly Thr Thr Ala Thr Cys Ala

```

OK->

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/605,452

DATE: 10/01/2003

TIME: 08:08:25

Input Set : N:\efs\10605452\10605452.txt

Output Set: N:\CRF4\10012003\J605452.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1
L:1116 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2
L:2160 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3
L:3260 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:4
L:3384 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:5
L:3628 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:6
L:3884 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:7
L:4144 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:8
L:5868 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:9
L:5968 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:10